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(54) Title: A MEDICAL SOLUTION, A METHOD FOR PRODUCING SAID MEDICAL SOLUTION AND USE THEREOF

(57) Abstract: The present invention relates to a medical solution, a method for producing said medical solution, a multi-compartment bag containing the medical solution as well as use of said medical solution. According to the invention the medical solution comprises a first single solution comprising bicarbonate and carbonate in such proportions that the partial pressure of carbon dioxide, CO<sub>2</sub>, in the first single solution is of the same order of magnitude as the partial pressure of carbon dioxide, CO<sub>2</sub>, of the atmosphere. The medical solution further comprises a second single solution comprising an acid. Said first and second single solutions are, after terminal sterilization and up on use, to be mixed to form a final solution. Said second single solution has a pH of 1.0-1.5, and said final solution has a pH of 7.0-7.6.